EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20070119829").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 16:10
S2	16	US-1058240-$.DID. OR US-2235157-$.DID. OR US-4591294-$.DID. OR US-4533814-$.DID. OR US-4429211-$.DID. OR US-5601735-$.DID. OR US-5796068-$.DID. OR US-5796069-$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/21 16:13
S3	12	US-1582408-$.DID. OR US-2235157-$.DID. OR US-2812227-$.DID. OR US-2229367-$.DID. OR US-7151998-$.DID. OR WO-9203249-$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/21 16:15
S4	1	(MSG arc welding)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 12:51
S5	2	(metal shielding gas arc welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 12:52
S6	748	(orbital welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 12:54
S7	2	(metal shield$4 gas arc weld$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 14:00
S9	54	(metal shield$4 gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 14:01

S8	1	(MSG arc weld$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 14:01
S11	886	(orbital weld$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 14:02
S10	1	S9 and (orbital weld$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 14:02
S12	1	S9 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 14:03
S13	618	S11 and (pipe$4 or MSG arc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 14:06
S15	618	S11 and (pipe$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 14:07
S14	618	S11 and (pipe$4 or metal shield$4 gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 14:07
S16	1	S11 and (metal shield$4 gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 14:08

S18	1	(MSG orbital weld$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 14:17
S20	46	("4088865") or ("4001543") or ("3612808") or ("4525616") or ("5059765") or ("4591294") or ("4533814") or ("4429211") or ("4080525") or ("4001543") or ("3632959") or ("3718798") or ("3806694") or ("3193656") or ("3974356") or ("4151395")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/22 15:29
S21	16	("4088865") or ("4001543") or ("3612808") or ("4525616") or ("5059765") or ("4591294") or ("4533814") or ("4429211") or ("4080525") or ("4001543") or ("3632959") or ("3718798") or ("3806694") or ("3193656") or ("3974356") or ("4151395")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/22 15:30
S22	10533	(shield$4 gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 15:53
S23	86	S22 and (orbital weld$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 15:54
S24	80	S23 and (pipe$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 15:55
S25	6368	(219/121.63,121.84,61,125.11,130,125PL,74,75,125R,121LC,121LQ,121LV,121LX).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 13:53
S26	79	S25 and (orbital weld$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/03 13:54
S27	2299	S25 and (pipe$5 or head$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/03 14:01
S29	77	S26 and S27	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/03 14:02
S28	1056	S25 and (pipe$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/03 14:02
S30	75	S29 and (guid$3 or device or feed or circumferential or laser beam or gas nozzle or heat$3 or MSG or metal shieding gas or wire or sensor$2 or process)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/03 14:07

S32	1075	S31 and (shield$3 gas)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/04 09:01
S31	6370	(219/121.63,121.84,61,125.11,130,125PL,74,75,125R,121LC,121LQ,121LV,121LX).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/04 09:01
S35	185	S31 and (gas metal arc welding)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/04 09:02
S34	46	S31 and (metal active gas)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/04 09:02
S33	166	S31 and (metal inert gas)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/04 09:02
S36	186	(mobile weld$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 09:06
S37	2	S32 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 09:07
S38	1	S35 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 09:10
S40	1	S34 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 09:11
S41	939	(Shielded Metal Arc Welding or SMAW)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 09:52
S42	3	S36 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 09:53

S43	4	crawler weld$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 12:23
S44	20	"2927195" | "3084246" | "3604612" | "3718798" | "3737614" | "3806694" | "3815807" | "4008384" | "4495400" | "4664587".PN. OR ("5227601").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/17 15:59
S45	3	S44 and (mobile weld$3 or position sensor or carriage or orbital position or fiber laser or fibre laser or orbital carriage)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/17 16:03
S46	16	"3892488" | "4001543" | "4080525" | "4088865" | "4367017" | "4429211" | "4577087" | "4684780" | "5147999" | "5173584" | "5334816").PN. OR ("5601735").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/17 16:06
S47	16	S46 and (mobile weld$3 or position sensor or carriage or orbital position or fiber laser or fibre laser or orbital carriage or laser beam)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/17 16:07
S48	3	S46 and (mobile weld$3 or position sensor or carriage or orbital position or fiber laser or fibre laser or orbital carriage or high$power laser or high power laser)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/17 16:08
S50	5	S49 and (mobile weld$3 or position sensor or carriage or orbital position or fiber laser or fibre laser or orbital carriage or high$power laser or high power laser)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/17 16:09
S49	22	"3555239" | "3612808" | "4001543" | "4029932" | "4080525" | "4088865" | "4429211" | "4533814" | "4577087" | "4591294" | "4607150" | "5059765" | "5179260" | "5190204" | "5196671" | "5347101" | "5601735".PN. OR "5796068").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/17 16:09
S51	6469	(219/121.63,121.84,61,125.11,130,125PL,74,75,125R,121LC,121LQ,121LV,121LX).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/17 16:11
S54	4	S53 and (mobile weld$3)	JPO	ADJ	ON	2010/05/17 16:12
S53	38527	("219").CLAS.	JPO	OR	OFF	2010/05/17 16:12
S55	167298	("219").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/17 16:16
S57	153	S55 and (orbital weld$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/17 16:17
S58	16	S57 and (mobile weld$3 or position sensor or carriage or orbital position or fiber laser or fibre laser or orbital carriage or high$power laser or high power laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/17 16:18

S59	4	"4429211").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/17 16:29
S62	1	S61 and (mobile weld$3 or position sensor or carriarge or orbital position or fiber laser or fibre laser or orbital carriage or high$power laser or high power laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/17 16:31
S61	2	"5932123").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/17 16:31
S63	31	"3555239" | "3581050" | "3582967" | "3689734" | "3818176" | "4019016" | "4144992" | "4163886" | "4283617" | "4373125" | "4375026" | "4734640" | "5278390" | "5397872" | "5534676" | "5571431").PN. OR ("5932123").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/17 16:35
S64	4	S63 and (mobile weld$3 or position sensor or carriarge or orbital position or fiber laser or fibre laser or orbital carriage or high$power laser or high power laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/17 16:36
S66	1	"08267242"	JPO	ADJ	ON	2010/05/17 16:39
S67	10	US-3519157-$.DID. OR US-6281472-$.DID. OR US-5408065-$.DID. OR US-2295569-$.DID. OR US-2165344-$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/17 16:43
S68	6	US-3519157-$.DID. OR US-4559430-$.DID. OR US-4163886-$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/28 09:40
S70	154	S69 and (@pd>="20100517")	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/06/28 09:41
S69	6623	(219/121.63,121.84,61,125.11,130,125PL,74,75,125R,121LC,121LQ,121LV,121LX).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/28 09:41

S71	42	US-20070119829-$ or US-20040094514-$ or US-20020170884-$).did. or (US-5796069-$ or US-5796068-$ or US-5601735-$ or US-4591294-$ or US-4533814-$ or US-4429211-$ or US-4001543-$ or US-3718798-$ or US-3193656-$ or US-4038509-$ or US-6492618-$ or US-6410876-$ or US-5304776-$ or US-5227601-$ or US-4278864-$ or US-5932123-$ or US-6396020-$ or US-4414454-$ or US-4352975-$ or US-4022413-$ or US-3622736-$ or US-3604612-$ or US-6518545-$ or US-5563391-$ or US-5422456-$ or US-4168406-$).did. or (US-3806694-$ or US-4163886-$ or US-4144992-$).did. or (JP-10299398-$ or JP-09001336-$ or JP-08267242-$ or JP-02127974-$ or JP-60060075-$).did. or (EP-2036647-$ or WO-2005056230-$ or US-6163003-$ or EP-1050362-$ or DE-29711058-$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2011/06/29 09:44
S72	7	S71 and control$4 with (orbit$3 and position$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/06/29 09:45
S78	2	S77 and control$4 with (orbit$3 and position$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/06/29 09:57
S77	50	(("4088865") or ("4001543") or ("3612808") or ("4525616") or ("5059765") or ("4591294") or ("4533814") or ("4429211") or ("4080525") or ("4001543") or ("3632959") or ("3718798") or ("3806694") or ("3193656") or ("3974356") or ("4151395")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/29 09:57
S76	0	S75 and control$4 with (orbit$3 and position$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/06/29 09:57
S75	12	US-1582408-$.DID. OR US-2235157-$.DID. OR US-2812227-$.DID. OR US-2229367-$.DID. OR US-7151998-$.DID. OR WO-9203249-$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 09:57
S73	16	US-1058240-$.DID. OR US-2235157-$.DID. OR US-4591294-$.DID. OR US-4533814-$.DID. OR US-4429211-$.DID. OR US-5601735-$.DID. OR US-5796068-$.DID. OR US-5796069-$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 09:57
S80	35	S79 and control$4 with (orbit$3 and position$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/06/29 10:04
S79	6623	219/121.63,121.84,61,125.11,130,125PL,74,75,125R,121LC,121LQ,121LV,121LX).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/29 10:04
S81	170354	("219").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/29 10:16

S84	63	S82 and control$4 with (orbit$3 and position$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 10:19
S83	63	S82 and control$4 with (orbit$3 and position$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/06/29 10:19
S82	309	S81 and orbit$3 with (weld$3 or solder$3 or braz$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 10:19
S89	5	S88 and weld$3	JPO	ADJ	ON	2011/06/29 14:37
S88	320	control$4 with (orbit$3 and position$3)	JPO	ADJ	ON	2011/06/29 14:37
S86	309	S85 and orbit$3 with (weld$3 or solder$3 or braz$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 14:37
S85	170354	("219").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/29 14:37
S90	9	mobile weld$3	JPO	ADJ	ON	2011/06/29 14:40
S91	2	S90 and control$4 with (orbit$3 or position$3 or automatic$4)	JPO	ADJ	ON	2011/06/29 14:41
S92	8	S90 and (control$4 or orbit$3 or position$3 or automatic$4)	JPO	ADJ	ON	2011/06/29 14:47
S94	5	S93 and (orbit$2 and weld$3)	JPO	ADJ	ON	2011/06/29 14:49
S93	6052	control$4 with (orbit$3 and position$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 14:49

S96	136	S93 and (orbit$2 weld$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 14:50
S95	678	S93 and (orbit$2 and weld$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 14:50
S97	5	S93 and (orbit$2 and weld$3) with (mobile or transport$3 or vehicle or traveler or crawler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 14:53
S98	20	S93 and (orbit$2 and weld$3) with automati$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 14:54
S99	23	S93 and (orbit$2 and weld$3) with automatic$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 14:55
S100	46	(US-20070119829-$ or US-20040094514-$ or US-20020170884-$).did. or (US-5796069-$ or US-5796068-$ or US-5601735-$ or US-4591294-$ or US-4533814-$ or US-4429211-$ or US-4001543-$ or US-3718798-$ or US-3193656-$ or US-4038509-$ or US-6492618-$ or US-6410876-$ or US-5304776-$ or US-5227601-$ or US-4278864-$ or US-5932123-$ or US-6396020-$ or US-4414454-$ or US-4352975-$ or US-4022413-$ or US-3622736-$ or US-3604612-$ or US-6518545-$ or US-5563391-$ or US-5422456-$ or US-4168406-$).did. or (US-3806694-$ or US-4163886-$ or US-4144992-$ or US-7820941-$ or US-5534676-$ or US-3904845-$).did. or (JP-10299398-$ or JP-09001336-$ or JP-08267242-$ or JP-02127974-$ or JP-60060075-$ or JP-06087074-$).did. or (EP-2036647-$ or WO-2005056230-$ or US-6163003-$ or EP-1050362-$ or DE-29711058-$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2011/06/29 16:35
S103	2	S102 and (orbit$2 weld$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 16:42
S102	362	S85 and (beam and head) with (simultaneous$2 or synchroniz$5 or unison or combin$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 16:42

S104	4	S102 and (orbit$2 and weld$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 16:43
L5	32	4 and (beam and head) with (simultaneous$2 or synchroniz$5 or unison or combin$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 16:54
L4	10375	(orbit$2 and weld$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/29 16:54

EAST Search History (Interference)

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6/29/2011 5:59:23 PM
C:\ Documents and Settings\ kdang2\ My Documents\ EAST\ Workspaces\ 10582408.wsp